

*AMENDMENTS TO THE SPECIFICATION*

Replace the paragraph beginning at page 6, line 25 with:

The interior wall of the air duct 21 can be ~~formed into~~ a smooth surface or ~~an accidented a~~ surface with undulations. In an ~~exemplified~~ embodiment of the present invention, the interior wall of the air duct 21 is ~~formed into an accidented a~~ surface with undulations. The photocatalyst coating layer 22 is coated onto the ~~accidented~~ surface of the interior wall of the air duct by a spraying or impregnating process. Consequently, the ratio surface area of the photocatalyst coating layer can be effectively increased so that the purifying efficiency can be enhanced. Two ends of the air duct 21 are hermetically connected to left and right side plates of the body 1. The air duct is provided at the left side thereof with an air inlet port which is in communication with the air outlet port of the forcible convection unit in a tangential direction thereof. In this way, since the air inlet port of the air duct is inclined and the air inlet port is disposed in a tangential direction of the air duct 21, the air drawn into the air duct 21 can reliably flow along the interior wall of the air duct 21 so as to enhance the contacting between the air and the photocatalyst only by adjusting the blowing speed of the forcible convection unit 3.

Replace the paragraph beginning at page 7, line 18 with:

Further, the blow guide holder 26 is provided with a plurality of vent holes 28 which are formed and arranged in the form of a loop. A vent opening 261 which is in communication with the vent holes is provided a side wall of the blow guide holder 26. With this construction in which the air outlet port and the air inlet port are provided on the same end of the air duct 21, the time and chance for performing sterilization by the ultra violet ray tubes 23 are increased. More specifically, when the air rotationally flows from the air inlet port to the distal end of the air duct 21, the air returns back to air inlet port end along the central portion of the air current (i.e., the position where the ultra violet ray tubes 23 are located) so as to be discharged from the vent opening 261 due to vortex effect of air current (the center of the spiral air current where the

pressure is smallest corresponds to the central axis of the air duct 21 ~~i.e.~~ i.e., the position adjacent to where the ultra violet ray tubes 23 are located). Thus, the time and chance for performing sterilization by the ultra violet ray tubes 23 are increased.